**MATERIALS LIST**

Here is a list of items from the box of equipment you received. The cost of all these items was approximately $40 total.

1 dozen cheese balls Wal-Mart (WM)  
1 Deck of cards 0.77 at Dollar General  
1 roll of string $3.00 / 300 ft. at hardware store, make sure it is weak enough, the kite string from Wal-Mart at 0.77 works, but is kind of hard for third graders.  
10 pieces of paper houses Scrap paper  
1 Bag of marbles $1.97 from WM  
2 Flowered cups 88 ¢ from WM  
1 Box paper clips 50 ¢ from WM  
1 dozen straws $1.00 / 75 from any grocery or WM  
1 ruler 50 ¢ from Dollar General  
6 paper cups Bottled water company, approximately 1 ¢ each  
2 ping pong balls $1.28 / package of 6 from WM  
1 can chicken broth 77 ¢ from grocery  
1 can chili 58 ¢ from grocery

**Disks, Hoops and Rods**

We got all this stuff at a salvage yard for about 30 ¢ a pound. The machine shop students cut it up for us. Make sure you get stainless steel for the rolling parts. Rust renders them pretty useless.

1 small disk Make sure you get stainless or aluminum  
1 large disk Rust renders them useless (too much friction)  
1 small ring Get it at a salvage yard  
1 large ring Get it all cut up at ??  
1 12" metal rod same as above  
1 12" wooden rod 3 ft. / $3 at WM or building supply

1 cigarette lighter $1.97 for 6 at WM  
2 Styrofoam cups (4) 97 ¢ for 75 at WM  
3 clear plastic cups 1.12 for 20 at WM  
4 plastic pipettes 100 for $12.45 from Frey Scientific  
4 brass nuts 10 ¢ each from hardware store  
1 acrylic rod (pseudo glass) $24 for 8 ft rod from Industrial Supply Store  
1 Polymer rod (pseudo rubber) $8 for 8 ft rod from Industrial Supply Store  
2 bulb holders $3.95 / 6 from Frey Scientific, better ones for 5.95 from Delta Education  
2 round bulbs #14 $3.50 / pkg of 10 from Delta Education  
2 long bulbs #48 $3.50 /pkg of 10 from Delta Education  
4 lead wires w/alligator clips Marine Wire 18 ga- $2.34 / 40 ft. from WM, Alligator clips: item # 270-347B from Radio Shack $2.50 / 10 pack  
1 5 ft. piece of lead wire from WM  
2 batteries $1 each from WM  
1 battery holder $1.59 each, item # 270-386A from WM  
1 compass $3.96 from WM, in sporting goods section  
1 magnet$25/ pkg of 10 from Edmund Industrial Optics item # L31882  
4 nails 97 ¢ / 100 from WM  
1 piece of silk $3.00 / yard at WM  
1 piece of wool $3.00 / yard at WM  
10 reflex testers: Free, we just Xeroxed them.

science team
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